Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 20 Dec 2023 until 23:59 on Thursday 21 Dec 2023

Forecast Issued on Tuesday 19 Dec 2023 at 12:10

Confidence: High confidence for windy and unsettled conditions through the week, confidence lowering into the weekend.

Headline for Wednesday 20 Dec 2023: Rather wet and windy throughout the day.

Mountain weather hazards on Wednesday 20 Dec 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers (night)	Light rain	Heavy Rain	Light rain	Light rain	Light rain	Light rain
Precipitation probability							
40%	40%	60%	60%	80%	80%	70%	60%

Forecast for Wednesday 20 Dec 2023

Weather: Scattered heavy showers during the early hours of Wednesday, easing off for a time before widespread low cloud and rain pushes in from the northwest during the early part of the morning. Rain heavy at first but easing into the afternoon, however persisting through the rest of the day, accompanied by strong winds throughout. Rain turning patchy during the evening.

Chance of cloud-free hill tops above 600m: 60% during the early hours, reducing to 20% early to mid-morning

Low cloud and visibility: Few or scattered cloud base 600-800m during the overnight period, becoming broken 500-700m from around dawn, persisting through the day. Visibility moderate in rain or showers, poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 20 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/40 W	29/40 W	28/38 W	26/36 W	33/44 W	31/42 W	29/40 W	32/46 W	33/48 W
300	22/32 W	23/33 W	21/32 W	20/30 W	26/39 W	25/37 W	23/35 W	24/38 W	25/41 W
Valley	15/32 W	16/33 W	15/31 W	14/29 W	19/39 W	18/36 W	17/33 W	19/37 W	19/37 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	4/-3	4/-2	5/-1	5/-1	6/-0	6/-0	6/-0
300	5/-0	6/0	6/1	6/2	7/2	7/2	8/3	8/3	8/4
Valley	6/2	6/2	7/3	7/3	8/3	8/4	8/4	8/5	9/5
Freezing Level*	1000m	1100m	1200m	1300m	1400m	1500m	1600m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds, particularly at height, will hamper progress.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 19 Dec 2023	11mm	12.4mm	12.4mm

Forecast for Thursday 21 Dec 2023

Weather: Mainly light rain will continue through the overnight period into Thursday, clearing to the south through the morning. It will be drier and brighter behind with sunny spells and just a few showers.

Maximum wind: Westerly 25-35 mph gusting 50-60 mph, easing a little into the evening

Chance of cloud-free hill tops above 600m: 30% during the overnight period, increasing 80-90% early Thursday.

Low cloud and visibility: Scattered or broken 500-700m, soon clearing south. Few 700-800m possible behind. Visibility moderate in rain otherwise good.

Temperature: **Valleys:** Plus 7 to 9 Celsius
At 600m: Plus 5 to 7 Celsius
Freezing level: Above summits

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